

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				Docket Number (Optional) <b>MM4555 DIV.</b>		Application Number <b>DIV. OF 09/622,518</b>		
				Applicant(s) <b>INADA, et al</b>				
				Filing Date <b>Concurrently Herewith</b>		Group Art Unit		
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
		PATENT ABSTRACTS OF JAPAN Publication Number: 06-166747, published on June 14, 1994 in the name of assignee TORAY IND. INC. by inventors MORITA TORU and OKASAKA HIDESADA entitled DEPOLYMERIZATION OF AROMATIC POLYESTER						
EXAMINER				DATE CONSIDERED				

## PATENT ABSTRACTS OF JAPAN

(11) Publication number : **06-166747**

(43) Date of publication of application : **14.06.1994**

---

(51) Int.CI. *c08g 63/78*

---

(21) Application number : **04-321761** (71) Applicant : **TORAY IND INC**

(22) Date of filing : **01.12.1992** (72) Inventor : **MORITA TORU  
OKASAKA HIDESADA**

---

### **(54) DEPOLYMERIZATION OF AROMATIC POLYESTER**

#### **(57) Abstract:**

**PURPOSE:** To carry out the depolymerization of an aromatic polyester and obtain a depolymerized aromatic polyester having high quality in high productivity at a low cost by adding an aromatic polyester to a specific reaction system, depolymerizing the aromatic polyester under specific conditions and supplying the produced aromatic dicarboxylate, etc., to a polymerization reaction system.

**CONSTITUTION:** A reaction system containing an aromatic dicarboxylate and its oligomer is incorporated with an aromatic polyester, depolymerized at 200–250° C, incorporated with an alkylene glycol in an amount of 0.5–5.0mol based on 1mol of the acid component constituting the aromatic polyester added to the system and further depolymerized at 200–250° C. A part of the obtained aromatic dicarboxylic acid and its oligomer is supplied to a polymerization reaction system to perform the depolymerization of the aromatic polyester.

---

#### **LEGAL STATUS**

[Date of request for examination] **09.07.1999**

[Date of sending the examiner's

[decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3303370

[Date of registration] 10.05.2002

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C) ; 1998, 2000 Japan Patent Office